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6	ELEVATOR SAFETY REVIEW BOARD MEETING	
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10	The following meeting was conducted on June	
11	4, 2015, between the hours of 8:30 a.m. and 9:23 a.m.	
12	of that day at the offices of the State Fire Marshal,	
13	1035 Stevenson Drive, Springfield, Illinois, before	
14	Susan Randolph, Certified Shorthand Reporter, License	
15	No. 084-003240, for the State of Illinois.	
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	(No documents marked in meeting)	
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1	APPEARANCES	
2	For the OFFICE OF THE STATE FIRE MARSHAL	
	OFFICE OF THE STATE FIRE MARSHAL	
3	Ms. Deborah J. Williams, Esq.	
	1035 Stevenson Drive	
4	Springfield, Illinois 62703	
	(217) 785-0969	
5		
6	Board Members Present:	
	Mr. Dick Gregory	
7	Mr. Robert Capuani	
	Mr. Dan Baumann	
8	Mr. Mark Hertsberg	
	Mr. K. Douglas Jones	
9	Mr. Edward Christensen	
	Mr. Terry Shanklin	
10	Mr. William Bogdan	
	Mr. Matthew Hunt	
11	Mr. Thomas Ganiere	
	Mr. Craig Grant	
12	Mr. Aaron Adams	
13		
14	Also present as speakers:	
	Stefan Gruber	
15	Michael Gisel	
	John Koshak	
16	Patty Young	
17		
18		
19	COURT REPORTER:	
0.0	Susan Randolph, CSR	
20	Illinois CSR #084-003240	
0.5	Midwest Litigation Services	
21	711 N. Eleventh Street	
2.5	St. Louis, Missouri 63101	
22	Phone: (314) 644-2191	
23		
24		

	Page 4
1	It IS HEREBY STIPULATED AND AGREED that this
2	meeting may be taken in shorthand by Susan Randolph,
3	Certified Shorthand Reporter, and afterwards
4	transcribed into typewriting.
5	* * * * * *
6	MR. BAUMANN: Call the meeting to order.
7	It's 8:30. Rise for the Pledge of Allegiance.
8	(Pledge of Allegiance stated at this
9	<pre>point:)</pre>
10	MR. BAUMANN: Everybody read the minutes
11	from the last meeting? Received the minutes? Are you
12	aware that you received the minutes? Do we have a
13	motion?
14	MR. SHANKLIN: Motion to accept.
15	MR. BAUMANN: The motion to accept. Do we
16	have a second?
17	MR. HERTSBERG: I will second.
18	MR. BAUMANN: Move to second. All those in
19	favor say aye.
20	(Board responding)
21	MR. BAUMANN: All those opposed.
22	(No response)
23	MR. BAUMANN: The ayes have it. Old
24	business. Elevator report by Bob Capuani.

Page 5 MR. CAPUANI: Total conveyance is 34,469. 1 Permits this year 315. Licenses 960. Registration is 269. And certificates 5,127. MR. BAUMANN: That's it? MR. CAPUANI: Yes. MR. BAUMANN: Go on to new business. 6 would be item A, Pneumatic Vacuum Elevator presentation. MR. GRUBER: I have some material. 10 MR. BAUMANN: Can you please tell your name and spell your name for the court reporter? 11 12 MR. GRUBER: Certainly. My name is Stefan Gruber. S-t-e-f-a-n. Last name is Gruber, G-r-u-b as 13 14 in boy e-r. And I'm the sales manager with Pneumatic 15 Vacuum Elevator. To whom should I address the material for 16 the Board, or should I just pass it around? 17 18 MR. BAUMANN: Just pass it around. 19 MR. GRUBER: As mentioned, my name is Stefan 20 Gruber. I am the sales manager for Pneumatic Vacuum 21 Elevators, LLC. We are the manufacturer and world

Fax: 314.644.1334

Board, to not only present on our technology and the

headquarters of Pneumatic Vacuum Elevator based out of

Miami, Florida. I'm here today to present to the

22

23

24

	P	age 6
1	product as a whole, but to also figure out how it is	
2	that we need to operate within the State of Illinois.	
3	So basically what you have in front of you	
4	here is a general product binder and brochure. In	
5	addition to our certification information, which is	
6	from our Accredited Elevator Certification	
7	Organization Lift Institute, which is one of three	
8	approved AECO's as we will refer to it for a shorter	
9	term. In addition to which you will have all of the	
10	technical data, which is the second page, all of the	
11	interlocking components, all of the other components	
12	used within the lift itself, the elevator itself, and	
13	their corresponding approvals as well. And then the	
14	other items as requested are the inspection,	
15	maintenance, and installation manuals.	
16	Before I just start talking too much, I	
17	guess if I can have some direction from the Board	
18	possibly as to what you might be looking for and I can	
19	better cater my conversation to it.	
20	MR. CAPUANI: Well, I got one question.	
21	MR. GRUBER: Sure.	
22	MR. CAPUANI: Is this the only certificate	
23	of conformance you have?	
24	MR. GRUBER: With regards to?	

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- 1 MR. CAPUANI: Because this is basically for
- 2 residential.
- 3 MR. GRUBER: Correct. So just to be very
- 4 clear, and that's a very good question, our purpose
- 5 here and our certification is solely for residential.
- 6 Our lifts are, our elevators are certified only as a
- 7 residential elevator. And we intend to operate solely
- 8 in that market. Nothing to do with commercial, light
- 9 commercial, or anything of that fashion.
- 10 MR. CAPUANI: I don't know if you realize
- 11 it, though, but this Board does not regulate
- 12 residential elevators.
- MR. GRUBER: I'm well aware. Mr. Gregory
- 14 and I, when I initiated the process, took a little bit
- 15 to get to that point, just figuring out what it was
- 16 that was needed. I do understand, however, that
- 17 certain jurisdictions, the local AHA authority having
- 18 jurisdiction, sometimes fall back on the State for
- 19 some guidance. We have done that in many other
- 20 states. One that's very similar is New Jersey where
- 21 we went about the same process. So the local
- 22 municipalities use that letter of approval from the
- 23 State essentially to fall back on for their local
- 24 acceptance of our product. So if that is the way to

Page 8 approach it here, again, I appreciate any quidance or 1 direction that you guys may have for me. MR. BAUMANN: Dick, do you have any 3 comments? 5 MR. GREGORY: Well, my comment is that this should only be...well, first of all, the State does 6 not regulate residential. The City of Chicago does. You are already approved there. That goes back a long 9 time. If anybody there still remembers. But the, I 10 agree with you that the municipalities that have agreements would appreciate having some direction from 11 12 the State. They are allowed, the municipalities are allowed to have a more stringent code than the State. 13 14 So name anyone. Park Ridge. They could regulate residential, and then they could get some direction 15 16 from us or, which would be more convenient, I think, than everybody running around doing it. Or maybe not 17 even know what to do. 18 19 MR. SHANKLIN: My concern would be --20 MR. BAUMANN: Questions from the Board? 21 MR. SHANKLIN: My question, my concern would 22 be that having no suspension means in a residential 23 home the residents where they don't have any 24 maintenance on it, this thing works off the seal, I

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- 1 mean it's a seal, it's a vacuum, right?
- 2 MR. GRUBER: Sure. So another part of the
- 3 reason why I'm here obviously is to explain a little
- 4 bit of the technology.
- 5 MR. SHANKLIN: So Joe Schmo buys a Pneumatic
- 6 Elevator, puts it in his home, doesn't have anybody
- 7 maintain that, that conveyance at all. It's there.
- 8 They use it. They go some many trips. The seal
- 9 starts to wear. They go up slower. Come down faster.
- 10 MR. GRUBER: Sure. So all of this --
- MR. SHANKLIN: That can happen.
- MR. GRUBER: All of this is actually
- 13 identified in our maintenance manual, maintenance
- 14 control program. It should be known that we actually
- 15 do not sell to direct end users. We only sell through
- 16 authorized distributors of ours who are the ones that
- 17 are to carry out the local maintenance just like any
- 18 other traditional elevator, traditional residential
- 19 elevator.
- 20 So for the certification there is suggested
- 21 replacement schedules on the seal, which is every five
- 22 years or 15,000 lifts on average. All of this the
- 23 AECO, the Accredited Elevator Certification
- 24 Organization, actually spent a year at our factory, a

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- 1 year plus at our factory and physically tested our
- 2 elevator to ensure that it meets, if not exceeds, the
- 3 requirements of 17.1. That clearly, that is what our
- 4 17.7 certification is intended to do. To ensure that
- 5 although pneumatics is not listed as a means of
- 6 conveyance in section 5.3 we are meeting, if not
- 7 exceeding, all of the safety factor requirements of
- 8 the traditional code. Just doing it in a different
- 9 way.
- 10 MR. GREGORY: There was, maybe it's still
- 11 there, on one of these elevators installed at
- 12 Mid-America in Chicago, and years ago I went there
- 13 with O'Malley and Flebbie and we, we actually tested
- 14 the safeties. It has safeties. We, you know, we made
- 15 it fall, and then the safeties worked. I mean it
- 16 was...and it's probably more safe than every
- 17 residential elevator that's out there. It's just that
- 18 it's rods are round and buildings are square so I
- 19 don't know how that works out but...
- 20 MR. CAPUANI: You can give us your
- 21 presentation if you would like.
- MR. GRUBER: Sure.
- 23 MR. CAPUANI: But there will be no direction
- 24 from the State.

Page 11 1 MR. GRUBER: That's fine. MR. CAPUANI: You are going to have to go to 3 each municipality and get their approval. MR. GRUBER: Understood. The reason for me 4 5 being here today was kind of following the lead of, approaching the topic to see what the best direction 6 for us is. Having said that, I think it will be helpful to the local municipalities to know that we have sat in front of the Board and that was the 10 direction that we have been provided. So, you know, as far as --11 12 MR. BAUMANN: Just to let you know there will be no decision on --13 MR. GRUBER: I clearly understood that. 14 15 Thank you for reconfirming but, but that's fine. I mean in the State of Florida the same 16 thing applies. We use our certification information. 17 It was suggested to us to be here to present. And 18 19 basically I can go through a one on one of the product 20 if you would like if the Board feels it's worthwhile 21 of our time. That's also my pleasure to do so. 2.2 MR. GREGORY: Well, why don't you answer a 23 few questions like if, I mean, excuse me, can I call 24 it the Hoover elevator?

Page 12 1 MR. GRUBER: No problem. MR. GREGORY: Because it runs on vacuum 3 cleaner motors. But if a vacuum cleaner motor goes out or do go out, exactly, we are concerned about safety, or I'm concerned, and a visitor here has a lot 5 of residential elevator cases so I think you could --6 MR. GRUBER: Sure. MR. GREGORY: -- comment on the suspension, 8 which is --10 MR. GRUBER: No problem. MR. GREGORY: -- the safety, and then the 11 12 clearance, the door, hoistway door interlocks, of which I happen to have one in my basement as a sample 13 14 but not from you, and a, and the clearance between the 15 car gate and the hoistway so that people don't get 16 trapped and rolled up like bubble gum. MR. GRUBER: Sure. So basically just to 17 give you all an idea, we have been doing this since 18 2002. We have over 7,000 lifts in 65 plus countries 19 with a flawless safety record. Essentially what we 20 21 are doing is there is no shaft pit or machinery 22 required with our product. It's a self-supporting, 23 self-contained system. So it literally rests right on 24 the finished floor only within the residence, so tile

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- 1 or carpet, whatever that may be. The cylinder that
- 2 you see in the brochure in front of you is essentially
- 3 our shaft in the traditional sense. Inside of the
- 4 cylinder, inside of the shaft is our cabin, which is a
- 5 fully welded steel cabin. It has got a ceiling with a
- 6 light, fan, and then above that are our car locks and
- 7 then counter opposed mechanical safety locks. On top
- 8 of all of that is our main seal, which is air tight to
- 9 the interior of the cylinder, and also connected to
- 10 the cabin. We can do two to four stops, or 35 feet in
- 11 total rise. We are actually now testing five stops
- 12 and approximately 50 feet in total rise with our AECO.
- 13 And essentially depending upon the overhead clearance,
- 14 the floor to ceiling measurement on the top floor, we
- 15 can either mount the machinery, our turbine motors,
- 16 air valves, and electronic components on top of the
- 17 upper floor cylinder. You will see that on the middle
- 18 of the brochure, the insert. We can either mount the
- 19 machinery on top of the upper floor cylinder, or we
- 20 can remotely locate it up to 30 linear feet away. In
- 21 very simple terms, what we are doing is we are moving
- 22 the air from above the seal of the cabin and using
- 23 suction to create lift. We lock on a set of
- 24 mechanical, I call them dogs, but basically steel

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- 1 anchors in an upper position so the car is not just
- 2 hovering there, it's physically locked in on a
- 3 mechanical lock at the upper position. Every door
- 4 that you enter into the elevator with has an
- 5 interlocking system as well. Just like that of
- 6 traditional products. And essentially what we are
- 7 doing is using suction to create lift, and then we
- 8 anchor in upper positions.
- 9 To descend, essentially what we are doing
- 10 is lifting the car very quickly off of the locks, and
- 11 then we are using gravity to descend. So in the event
- of a power failure we are using our normal technology
- 13 for our benefit for the safety factor, and that is in
- 14 the event of a power failure if the car is ascending
- 15 or descending mid transit it will slowly descend, draw
- 16 air back into the system using gravity to descend, and
- 17 then the ground floor doors and mechanical interlocks,
- 18 the passenger is always able to get out. There is no
- 19 backup battery. There is no need for one that being
- 20 said. So once power is restored the elevator would
- 21 then be, or generator would kick back in, the elevator
- 22 would be operational.
- The last thing, from a safety standpoint,
- 24 would be the mechanical safeties as Mr. Gregory had

Page 15

- 1 mentioned. There is a mechanical safety that, there
- 2 is no governor on the car with that regard like a
- 3 traditional product. Essentially it's a mechanic
- 4 spring loaded safety that activates within two inches
- 5 of free fall in the event of a vacuum loss. So all of
- 6 these things we can test as part of the inspection
- 7 manual, just like that of traditional products. We
- 8 can do full free fall tests out in the field. We
- 9 instruct and teach our distributors how to do that at
- 10 a local level. Part of our job as a manufacturer has
- 11 also been, as we have gone through, there is really
- 12 only one or two jurisdictions left in the country that
- 13 have yet to formally approve our product at this
- 14 point. And that's more so due for dated codes that
- 15 they are operating on. But part of our job as the
- 16 manufacturer has been teaching the local inspectors
- 17 and local authorities on how to test and inspect our
- 18 product.
- 19 MR. SHANKLIN: So the seal is on the top?
- 20 MR. GRUBER: Seal is on top of the car,
- 21 that's correct.
- MR. SHANKLIN: On top of the car. That
- 23 creates the vacuum. Is there a car gate? I'm looking
- 24 at the illustration and you have a door to get in the

Page 16 hoistway. MR. GRUBER: There is an internal door, 3 that's correct. MR. SHANKLIN: There is a door on the cab itself? 6 MR. GRUBER: On the cab itself. And it swings in conjunction with the cylinder door. That is correct. 9 MR. JONES: Question. I notice that it looks like it's, you have at least one unit to set up 10 for those who are disabled? 11 12 MR. GRUBER: That's correct. 13 MR. JONES: Has that been reviewed by anyone in terms of all of its capabilities in terms of the 14 15 person who is disabled being in a wheelchair and all of the locations of the controls? 16 MR. GRUBER: Sure. Reviewed in the sense 17 that the way it's designed is obviously for ease of 18 use, but it is wheelchair accessible. To that extent 19 20 of how much it has catered to the design of wheelchair 21 users, I can't speak to. We haven't had a third party 22 in there for that purpose. But it is a wheelchair 23 accessible model. That is our largest model. 24 MR. HERTSBERG: How do they control descent?

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- 1 MR. GRUBER: That's part of one of our
- 2 patented valves that basically pulls the air back into
- 3 the system. So there is some slight adjustment with
- 4 it, and at its max it does not exceed 40 feet per
- 5 minute, which is the residential max. So we are
- 6 controlling, it's basically like a bladder intake.
- 7 It's the lung of the operation that's drawing the air
- 8 from its surroundings back into the system.
- 9 MR. HERTSBERG: How do they control the
- 10 valve?
- MR. GRUBER: I'm sorry?
- 12 MR. HERTSBERG: How do they control the --
- MR. GRUBER: It's a very small air intake.
- 14 And then there is just basically a screw that controls
- 15 its max opening, and then you can then slow it down
- 16 from there.
- 17 MR. HERTSBERG: So it's always open. So in
- 18 other words --
- 19 MR. GRUBER: It's an electro, it's an
- 20 electromechanical valve. The valve opens under
- 21 descent. So we actually, the whole operation is an
- 22 electromechanical operation. When we are descending,
- 23 what we do is we actually quickly lift the car off the
- 24 locks. We then activate the, we release the car locks

Page 18

- 1 and then we activate the opening of the valve.
- 2 MR. HERTSBERG: So what happens if you, loss
- 3 of power?
- 4 MR. GRUBER: Sure. So the loss of power is
- 5 that there are natural leaks designed into the system.
- 6 So that valve is no longer the, the functioning
- 7 control. We are slowly, in a safety speed, due to
- 8 natural leaks in the design of the system, using that
- 9 air to then descend to the ground floor.
- 10 MR. HERTSBERG: Through the main seal?
- 11 MR. GRUBER: Well, through different parts
- 12 of the cylinder itself. But, yes, it's slowly
- 13 bleeding air back into the system, if you will, but
- 14 not through the valve.
- 15 MR. ADAMS: So is there no opportunity then,
- 16 if there is a failure halfway up, to, and the car
- 17 would just descend --
- 18 MR. GRUBER: Correct.
- 19 MR. ADAMS: -- automatically? It will never
- 20 lock?
- 21 MR. GRUBER: It will go much slower in a
- 22 safety speed, yes, that is correct. It will slowly
- 23 descend to the ground floor, and, once again, that
- 24 ground floor has the mechanical interlocks that the

Page 19 door would release --MR. ADAMS: So there is not an opportunity 3 for entrapment? MR. GRUBER: Under that, under that 5 circumstance in a power failure, no. 6 MR. ADAMS: Has there ever been an 7 entrapment? MR. GRUBER: Just like with traditional 8 9 products, sure. For the event that if mechanical 10 safeties are activated, you know, it's not a toy, as we all know, but if somebody is jumping in it and with 11 12 enough force could effectively have the safeties engage. At that point there is a number of ways to 13 14 rescue a passenger. Passenger rescue can be done 15 by...there is a phone obviously in each, each elevator, but by manually overriding the motor 16 contactors to then release the safeties and the car 17 18 would be able to descend. You can actually remove, for firefighters and for safety, you can actually 19 20 remove the poly carbon panels from the exterior. The 21 way that we build and assemble them is like that of a 22 hurricane proof window, but the rubber gasket seal can 23 be removed. You can remove a poly carbon panel to 24 assist with getting a passenger out. And then,

Page 20

- 1 lastly, there is the triangular safety key for each
- 2 hoistway door for somebody to assist with evacuation.
- 3 MR. GREGORY: If you are at a floor and your
- 4 dogs are out and you are at the floor and you are
- 5 going to sit there for however long, it's not going to
- 6 leak down because your dogs are out, you are just
- 7 there, the power goes out, you are just still there.
- 8 MR. GRUBER: Yeah. That's correct. If the
- 9 power goes out and the car is physically at a landing
- 10 without...the only time that the car descends to the
- 11 ground floor is when it's under operation. If it's
- 12 physically resting at an upper landing, it will remain
- 13 there on those mechanical locks until power is
- 14 restored. That correct.
- 15 MR. GREGORY: What is the clearance between
- 16 the hoistway door and the car door?
- 17 MR. GRUBER: Far less. I don't have the
- 18 exact measurement on it offhand. I can get that
- 19 gladly. But the running clearance for, under normal
- 20 operation, prior to the certification, there was no
- 21 need for an internal door because we don't have that
- 22 space between the cab and the hoistway like a
- 23 traditional elevator. So I mean the running clearance
- 24 between an internal door and the cab is probably about

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- 1 a half inch if I had to say at most.
- 2 MR. GREGORY: Okay. So I mean conventional
- 3 residential elevators are three inches from the inside
- 4 of the hoistway door to the sill, and then total five
- 5 inches to the car gate.
- 6 MR. GRUBER: We are far within that.
- 7 MR. GREGORY: So you are a half inch or an
- 8 inch?
- 9 MR GRUBER: That's correct.
- MR. GREGORY: A half inch maybe?
- MR. GRUBER: Correct. And I can get a firm
- 12 number on that. It hasn't even been the same
- 13 consideration due to the technology. We obviously
- 14 have to maintain, you know, pressure and air tight
- 15 seal. So the running clearance without the gate I
- 16 think was just over an inch or something to that
- 17 effect. But I can get that number and that figure to
- 18 you.
- 19 MR. GREGORY: No, no, because I actually
- 20 rode on the one. And then the hoistway door
- 21 interlock, that's a true interlock?
- 22 MR. GRUBER: That's correct. It's a male
- 23 and female. I think there is an actual picture in one
- 24 of the manuals. But it's basically an approved

Page 22

- 1 interlock with the pin and brass cam engagement.
- 2 MR. GREGORY: So that is, that is, that is
- 3 UL listed as an interlock?
- 4 MR. GRUBER: That's correct. And page two
- 5 shows all of the actual approvals of the individual
- 6 components themselves. So it is, it gives the UL
- 7 listing and the actual file number, etc. But it is a
- 8 UL listed interlock, correct.
- 9 MR. GREGORY: It's an interlock. It's not a
- 10 lock and contact? It's an interlock?
- 11 MR. GRUBER: That's correct.
- 12 MR. GREGORY: Okay. I mean, I mean sitting
- 13 back there John Koshak has many cases of dead kids
- 14 with different situations.
- MR. GRUBER: Okay.
- 16 MR. GREGORY: Where they are not interlocks,
- 17 and the clearances aren't great, and all that kind of
- 18 stuff so...all right.
- 19 MR. GRUBER: I would be glad to speak
- 20 further to it but...
- 21 MR. BAUMANN: Any other questions from the
- 22 Board?
- 23 MR. JONES: Just one last one. You said in
- 24 your opening remarks that there has never been any

	Page 23
1	accidents that you are aware of, anybody gotten
2	hurt
3	MR. GRUBER: That's correct.
4	MR. JONES: on this? And you've been
5	doing this for
6	MR. GRUBER: Since 2002. The first unit
7	actually came into the market in 2004. That was the
8	first actual installed unit, and that's correct.
9	MR. JONES: Were they installed in Europe
10	first or
11	MR. GRUBER: No. The actual design was a
12	South American design. And it was basically the
13	patent was purchased by the owner of the company.
14	Currently he was the one that brought the, many of you
15	probably saw him at the NAC that brought the first
16	operational vacuum elevator in 2002 to Las Vegas. So
17	it took about a year and a half, two years to open up
18	the manufacturing leg, and then the channels of
19	distribution, etc.
20	MR. JONES: In terms of installs in the
21	United States, how many would you say there is?
22	MR. GRUBER: It's our primary market. We
23	are over 7,000 to date, and over, you know, worldwide,
24	but well over half are US marketed. That's our

Page 24

- 1 primary market.
- 2 MR. GANIERE: How does this compare in cost
- 3 to the more traditional elevator?
- 4 MR. GRUBER: Sure. The equipment...keep in
- 5 mind that we are providing everything in the fact
- 6 that, you know, we are providing the shaft
- 7 essentially, so there is no excavation or anything
- 8 like that. Just to give you a number, the middle
- 9 model retail, the 37 inch model, which is our most
- 10 popular, is typically in the ballpark of around 30 to
- 11 35,000 installed for a two stop. It's extremely cost
- 12 effective in existing homes because you are removing
- 13 the construction aspect of it. New construction, you
- 14 can get traditional products for, you know, the 15,
- 15 20K range for a traditional cabin, etc. So it's just
- 16 depending on what you are looking for as well. But
- 17 new construction we are going to be a little more
- 18 costly. Existing homes will probably be the cost
- 19 effective solution.
- 20 MR. BAUMANN: Can you hold your comment to
- 21 the public comment until the Board is done?
- 22 MS. YOUNG: I'm just concerned about a vote.
- 23 MR. BAUMANN: We already said there is no
- 24 vote.

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- 1 MS. YOUNG: My concern is --
- 2 MR. BAUMANN: We already said there is not
- 3 going to be any vote here. This is just, he is just
- 4 explaining his presentation. He went out of his way
- 5 to come in here so we are giving him an opportunity,
- 6 affording him the opportunity to speak. That's it.
- 7 There is no vote on it.
- 8 MR. GRUBER: If I may, just following up to
- 9 that, and I understand that you have your policies and
- 10 ways, what is your suggestion? I'm here to obviously
- 11 try and benefit the product and ease of working with
- 12 the states and local municipalities. What is your
- 13 suggestion as far as how we approach them? Just like
- 14 we directly go to each individual municipality and
- 15 basically state that we have presented to the state,
- 16 but there is no guidance from the state, so we just
- 17 work with them, which is not uncommon. I mean there
- 18 are many jurisdictions that we do that. That we just
- 19 work with them with our certification information
- 20 directly at each level, at each local AHA.
- 21 MR. GREGORY: Who is your local
- 22 distributors?
- 23 MR. GRUBER: We have a couple that service
- 24 the area. Mid American, you know, had done some work

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- 1 for us. Truthfully speaking it's kind of, just being
- 2 very open here, it's an interesting market in the fact
- 3 that some people say we need approval when others are
- 4 saying we don't. And we are just trying to put it
- 5 altogether as to the best way to proceed. So it is
- 6 very clear and transparent as to how we need to get
- 7 product to market both, you know, permitted and making
- 8 sure that we are going about it the right way. It's
- 9 funny that you say the City of Chicago is approved
- 10 because when I reach out to their inspector I'm being
- 11 told that we are not approved. So I'm just very much
- 12 trying to get a grasp on the market both at the state
- 13 and, you know, local levels.
- MR. GREGORY: Like the City of Chicago,
- 15 there was a chief inspector at the time and he sent
- 16 Doug Flebbie and Jimmy O'Malley and myself to Mid
- 17 American to examine the installed elevator. We spent
- 18 half a day there trying to wreck it, or whatever we
- 19 were doing. And then the city ruling was that it
- 20 could be installed but it needed a special permit for
- 21 every installation.
- MR. GRUBER: Okay.
- 23 MR. GREGORY: And it, it required the
- 24 architect to sign off to say the architect wants it.

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1	MR. GRUBER: Okay.
2	MR. GREGORY: Now, who is still there?
3	MR. BAUMANN: We do have representatives
4	from a couple of different AHA's here in the field
5	that you can sit around and talk with them later after
6	the meeting.
7	MR. GRUBER: Sure.
8	MR. BAUMANN: But, you know, introduce
9	yourselves when you are talking to them. But if you
10	could let them know what cities you represent.
11	MR. CAPUANI: There is, there is a list on
12	our website with the contact names of municipalities
13	that have agreements with us.
14	MR. GRUBER: Okay.
15	MR. CAPUANI: You can use that list. You
16	are more than welcome to use those contacts and
17	approach them.
18	MR. GRUBER: Okay. It's good feedback.
19	Again, you can't fight the system. We are just trying
20	to find how we need to work with it to make sure that
21	there are no questions unanswered that we can properly
22	respond to the local AHA's and make sure thatit's
23	just always easier when we have a guiding letter that
24	they can hang their hat on because then every local

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- 1 jurisdiction we are going through a reeducation and
- 2 recertification process almost so to speak but are
- 3 vou --
- 4 MR. GANIERE: We don't regulate residential
- 5 elevators, and jurisdictions that have an agreement
- 6 with us do their regulations, can regulate whatever
- 7 they want to do. How do they do it in a jurisdiction
- 8 that doesn't have an agreement? They can just do it?
- 9 MR. GREGORY: Yeah.
- 10 MR. GANIERE: Okay.
- 11 MR. GRUBER: The State of Florida is the
- 12 same. I'm just using examples of the states and
- 13 jurisdictions that we have a grasp on. For instance,
- 14 the City of Miami we know that absolutely permits are
- 15 required, but if you go just north they don't even
- 16 know how to approach a residential elevator. So it's
- 17 just getting a grasp on the market for us. And that's
- 18 fine if you are saying that there is some information
- 19 we can reach out to each local AHA. If I may, and not
- 20 imposing, might we be able to use someone as a
- 21 reference, you know, for the process or is this
- 22 something that we just need to deal directly --
- 23 MR. CAPUANI: There is really no questions I
- 24 could answer.

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1	MR. GRUBER: Okay. And Mr. Gregory, again,
2	I don't want to impose or try and force this issue,
3	but try to help the communicate process, is there
4	MR. CAPUANI: Mr. Gregory, maybe as his own
5	consulting firm could help you but not as a
6	MR. GRUBER: Not through the State, okay.
7	MR. GREGORY: Not as a representative of the
8	State.
9	MR. GRUBER: Okay. Understood. And, again,
10	I hope I'm not imposing.
11	MR. CAPUANI: No, no. And it's unfortunate
12	we don't regulate residential elevators.
13	MR. GRUBER: Yeah. And that's fine.
14	Questions please?
15	MR. HUNT: Two. Is the only anchor point
16	the weight of the machine itself? Cause I was looking
17	through the installation manual which scarily, either
18	it scares me or it's nice, it's only 16 pages, and it
19	seems like I could do it. How do you anchor it?
20	MR. GRUBER: In regards to the floor?
21	MR. HUNT: The floor, the walls, the
22	ceilings. It looks to be freestanding.
23	MR. GRUBER: As you say, it might scare you,
24	but it is a pretty clean, it's a modular installation

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- 1 process. So a typical two stop, just to give you an
- 2 idea, takes about a day and a half, two days to
- 3 install. It does not need anchoring unless it's in a
- 4 seismic region, for instance, California, Washington,
- 5 and those jurisdictions on the west coast. The BC
- 6 market we have seismic bracketing.
- 7 As far as the concern, it physically just
- 8 rests on the existing ground floor, and then we have
- 9 two different types of mounts we call them. We have a
- 10 balcony mount where typically it's going up against a
- 11 railing, you know, a hallway in an upper position.
- 12 You basically only need to remove the railing at that
- 13 position to allow for the swing of the door. And as
- 14 the manufacturer we provide what we call balcony
- 15 bandages which is a steel belt that goes around the
- 16 circumference of the elevator and holds it in with a
- 17 three-eighth's inch lag bolt. So that prevents any
- 18 lateral movement on that front. If it's going through
- 19 a through floor we call it, penetrating through a
- 20 ceiling, essentially the rule of thumb is that the
- 21 hole need be 2 inches greater than the diameter of the
- 22 elevator. So, for instance, our 37 inch outside
- 23 diameter elevator, we require a 39 inch finished
- 24 through floor hole. And then as the manufacturer we

	Page 31
1	provide basically some shims, some steel wedges that
2	go in between the structural column of the elevator
3	and the finished interior of the hole. And, again,
4	that prevents any lateral movement. But it is a fully
5	self-supporting, self-contained system. We
6	actually
7	MR. HUNT: And if it's off balance what
8	happens?
9	MR. GRUBER: When you say off balance? Like
10	meaning?
11	MR. HUNT: If Matt Hunt installs it, who is
12	not an elevator constructor, nor ever been one, if I
13	install it and it's off kilter
14	MR. GRUBER: The only wayfirst of all,
15	not going this direction, but we only sell to trained
16	and authorized companies. But nonetheless the only
17	way it would be off
18	MR. HUNT: Do they do the installation as
19	well?
20	MR. GRUBER: Yes. We won't provide any
21	support or we won't sell a product unless it's through
22	a registered distributor of ours.
23	MR. HUNT: And installed?
24	MR. GRUBER: And installed and serviced.

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MR. HUNT: Because the distributor is

- 2 different than installer.
- 3 MR. GRUBER: And in our context a
- 4 distributor is an elevator contractor at a local
- 5 level. So they are residential elevator contractors
- 6 essentially.
- 7 But in answering your question the only way
- 8 that it would be off tilt is if the ground floor was
- 9 not flush. So that's part of the job requirement,
- 10 prior to installation, is that your ground floor be
- 11 level. It would still operate. It would just have
- 12 some issues with car locks because of the tilting and
- 13 things like that. And you would have a leaning tower
- 14 of elevator in your home instead of a straight, you
- 15 know, system.
- MR. HUNT: Thanks.
- 17 MR. BAUMANN: Seeing no other questions --
- 18 MR. HERTSBERG: What's the, what's the
- 19 maximum capacity of this?
- MR. GRUBER: He is trying to get rid of me.
- 21 The maximum --
- MR. HERTSBERG: Capacity.
- 23 MR. GRUBER: Our largest is 525 pounds and
- three passengers. And, again, we can do up to four

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- 1 stops or 35 feet in total rise.
- 2 MR. CHRISTENSEN: That will take care of my
- 3 girlfriend.
- 4 MR. BAUMANN: Seeing no other questions, we
- 5 appreciate your time.
- 6 MR. GRUBER: Thank you, guys. Appreciate
- 7 your time.
- 8 MR. BAUMANN: Moving on to the next new
- 9 business. New Technology Kone IVR acceptance.
- 10 Can you please mention or say your name and
- 11 spell it for the court reporter?
- MR. GISEL: Sure. It's Michael Gisel,
- 13 G-i-s-e-l. I'm the national customer care center
- 14 manager for Kone. And I want to talk today about a,
- it's not a new technology, you know, some of our
- 16 competitors have it already, but we are looking to
- 17 implement an interactive voice response system for
- 18 elevator phones to work as a smart filter. So I was
- 19 kind of hoping there was a projector today so I
- 20 apologize, I may be one or two short of these, but you
- 21 will have the flow chart.
- 22 MR. GREGORY: If you have a screen, I have a
- 23 projector, but people have not wanted it in the past.
- MR. GRUBER: Oh, that's fine. It's

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- 1 basically just a flow chart. Sorry about that by the
- 2 way.
- 3 MR. CAPUANI: That's okay.
- 4 MR. GISEL: Over the past few months, we
- 5 came to discover that, you know, the majority of our
- 6 elevator phones are nonemergencies. So we have
- 7 answered over 500,000 elevator phone calls last year,
- 8 and only about one percent are actual entrapments.
- 9 Each one is answered by a live person. The problem is
- 10 we have no way of pulling those entrapments out
- 11 before, from the people that are nonemergencies. A
- 12 lot of them are test calls from inspectors,
- 13 technicians. Some are just people that hit the phone
- 14 on accident, and then we answer them, and then they
- 15 say sorry I hit the phone on accident, you know. But
- 16 each one of these are put in cue. So if we have ten
- 17 people waiting, somebody is actually entrapped, they
- 18 have to actually wait for those other nonemergency
- 19 calls to be answered before the person that is
- 20 actually entrapped gets answered. So we came up with
- 21 a way to have a voice recognition system installed.
- 22 We have it installed, but yet we wanted to come to you
- 23 guys first to get approval before we actually did
- 24 anything. So we have the flow chart on the next page

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- 1 here. It will kind of walk you through how it works.
- 2 And we have a lot of fail-safes in place so if the
- 3 elevator for the, if the voice recognition system does
- 4 not understand, does not, can't hear anything, it
- 5 automatically goes to a live person. So the safety is
- 6 it always goes to a live person if they don't say test
- 7 or disregard.
- 8 So just to kind of walk you through here if
- 9 somebody hits the elevator phone button, it will say
- 10 you have reached Kone Elevator. If this is an
- 11 emergency say emergency. If this is a test, say test.
- 12 If you pressed the button in error, say disregard. If
- 13 they say emergency, it will automatically be routed to
- 14 a live person. If it's no response, we know some of
- 15 our competitors have it where it disconnects and they
- 16 have to call back within 30 minutes and it will go to
- 17 a live person. Ours does not do that. Ours, if there
- 18 is no response, goes directly to a live person. So we
- 19 don't want to take any chances with somebody having a
- 20 heart attack, somebody, maybe death, somebody maybe
- 21 having anxiety inside the cab that can't speak for
- 22 some reason. We don't want to take that liability of
- 23 making them hit the phone button again. So it will
- 24 automatically go to a live person. If they say test,

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- 1 if you go to page two, the call will be routed to a
- 2 recorder. It will play the equipment number, it will
- 3 play the address, it will play the city and state. If
- 4 that information is false, it will go to a live
- 5 person. If the inspector says no, that's not correct,
- 6 it will go to a live person for us to verify. If they
- 7 don't hear the information correctly, they can say
- 8 repeat. All of that information will be repeated to
- 9 them. If they don't understand for some reason, they
- 10 just say no, goes to a live person. And going back to
- 11 page two, if they hit disregard, say disregard,
- 12 automatically disconnected. So what this will do is
- 13 it will separate our actual entrapments from all these
- 14 other nuisance calls. I don't want to say they are
- 15 nuisance, but, you know, they are nonemergency. So
- 16 the people who are actually stuck in the elevator will
- 17 be answered quicker, we will be able to get the
- 18 technicians out to them faster, which in turn will be
- 19 less liability for everyone. So we kind of look at
- 20 this not as, you know, something easier to do but it's
- 21 more, it's safer basically. So we have the flow chart
- 22 there. I have a couple of my counterparts here. I
- 23 have Nathan Parr. He is in charge of our phone
- 24 programming department. And we have Aunisa, who is a

Page 37 part of our sales department as well. So if you guys have any questions for me, 3 we are just looking for approval from you guys before we proceed. I didn't want to interact it and then come back door and say hey guys by the way we are 5 doing this is this okay, you know. We wanted to come 6 to you guys first just to see if, you know, if you guys have any questions and answer them right away. 9 MR. CAPUANI: When it goes to a live person, 10 do you dispatch a mechanic immediately? MR. GISEL: Yes. 11 12 MR. CAPUANI: You do? Okay. 13 MR. GISEL: We do. 14 MR. CAPUANI: Okay. 15 MR. GISEL: If it's an entrapment, we first of all calm them down and --16 17 MR. CAPUANI: If I can't speak or --

MR. BAUMANN: Does the Board have any

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MR. GISEL: Yup. A technician is

dispatched. We will call the site contact and have

them check the elevator. We will just follow normal

entrapment procedures that we have in place now.

MR. CAPUANI: A technician is dispatched?

MR. GISEL: Yes.

18

19

20

21

2.2

23

24

Page 38 questions? 1 MR. SHANKLIN: You have the 45,000 per 3 month, is that international? MR. GISEL: No. Just U.S. and Canada. 5 MR. HUNT: How many languages are programmed into it? The greater Chicagoland, Illinois area is 6 not exactly all English speaking. 8 MR. GISEL: It will be English only. But if 9 the system does not recognize the language, 10 automatically it goes to a live person. And we have a language line that has over 150 languages that does 11 12 translation for us. It will be handled exactly the same way. We basically conference call that person 13 14 in, translates us, just a normal process. MR. HUNT: Right. And then make this I'm 15 stuck in an elevator and having something happen, a 16 lung collapse. 17 18 MR. GISEL: Yeah. 19 MR. HUNT: I'm not exactly trying to listen 20 to the voice response system that says Matt you have 21 to say emergency. 2.2 MR. GISEL: Uh-huh. 23 MR. HUNT: Something else comes out of my 24 Is it going to do the typical voice response

Page 39 system trigger of I'm sorry I didn't hear that which then exacerbates a problem --MR. GISEL: Yeah. 3 MR. HUNT: -- and then makes things worse? MR. GISEL: It will not repeat. If it does not recognize the first time, it will go to a live 6 person. 8 MR. HUNT: So instead of saying emergency I 9 say help, it won't ask --10 MR. GISEL: If it doesn't recognize those three commands that are there, it automatically goes 11 12 to a live person. That's the fail-safe. So we only want the people that are tests or disregard to be 13 14 diverted away. Those are the only people that will be 15 affected by it. Anybody else it will not fully 16 service. If people say help, it won't recognize that as a command, it goes to a live person. 17 MR. HUNT: And then it still sits in a cue 18 19 potentially for an undetermined amount of time? 20 MR. GISEL: Yeah. But that's the way it is 21 right now. But in theory there will be less calls 2.2 coming in there due to the other two selections. 23 MR. HUNT: Do you happen to have an idea of 24 roughly how many calls would come in during let's say

Page 40 business hours versus nonbusiness hours? MR. GISEL: It's a lot less. I don't have 3 the stats. I can throw something out there, but it won't be accurate, but it's minimal. Or I take that back, it's significantly different between...at night 5 it's more nuisance calls. It's more kids at Universal 6 Studio's hitting a button wanting to see what it does. During the day, we get the majority of our entrapments 8 9 just due to volume. More people use the elevators. 10 MR. SHANKLIN: So you are talking about 45,000 calls. How many conveyances are we talking 11 12 about? Any idea? 13 MR. GISEL: Nate, any idea? 14 MR. PARR: I'm sorry? 15 MR. GISEL: Conveyances? 16 MR. SHANKLIN: How many elevators? MR. GISEL: That we have in service? Over 17 20,000. 18 19 MR. PARR: Upwards of 30,000. 20 MR. SHANKLIN: 30,000 then. And do all 21 those calls go to one response center? 22 MR. GISEL: Yes. They are handled here in 23 my center in Moline, that's correct. So it will all

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be housed in the same place. So our procedures won't

24

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- 1 change. It's just, you know, if they get through,
- 2 they will be handled exactly the same way, just
- 3 quicker. They will get an operator quicker.
- 4 MR. SHANKLIN: So Matt could hit the button,
- 5 right, it goes through and he says help.
- 6 MR. GISEL: Yes.
- 7 MR. SHANKLIN: Goes to a live person.
- 8 Whoever it is responds, answers him, says we will get
- 9 you help. You call, let's say it's in Connecticut.
- 10 MR. GISEL: Yes.
- 11 MR. SHANKLIN: You call Connecticut's home
- 12 office, say we got an entrapment in such and such a
- 13 building, blah, blah. Is that how it --
- 14 MR. GISEL: What we do is we actually
- 15 dispatch all the technicians from our call center in
- 16 Moline. We don't get local branches involved. We do
- 17 all that in our local center. So what we do is we
- 18 call the local site contact for that building to let
- 19 them know that something is happening. But when you
- 20 contact a technician directly, we call them
- 21 immediately to make sure they are getting out there.
- 22 If the technician has no response, we call the
- 23 supervisor. We call the branch manager. We will
- 24 escalate it up to our district and senior VP if we

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- 1 have to to get somebody there to get a response.
- 2 MR. SHANKLIN: So you will contact, your
- 3 center will contact the individual mechanic that's
- 4 assigned to that building?
- 5 MR. GISEL: Correct. We do that all in
- 6 Moline. It's all, it's all centralized. There is
- 7 over 130,000 lifts in service. Every single one of
- 8 them we dispatch technicians for. We handle all of
- 9 that out of Moline.
- 10 MR. HUNT: Is this technology currently used
- 11 in Illinois?
- 12 MR. GISEL: It's our understanding that it's
- 13 currently under, Otis is currently using something
- 14 similar. They came before the Board I believe last
- 15 year or two years ago. The main difference between
- 16 theirs...you did approve theirs. The difference
- 17 between theirs and ours is, like I said before, if
- 18 it's silent, the person has to hit the button again.
- 19 Ours goes directly to a live person. We didn't want
- 20 to take that liability with somebody having a heart
- 21 attack, somebody speaking a foreign language that
- 22 doesn't understand. We don't want them to have to hit
- 23 the button again. We want them to go directly to us.
- MR. BAUMANN: All right. Do we have a

	Page 43
1	motion to accept the Kone new technology IVR
2	Acceptance?
3	MR. GRANT: I so move.
4	MR. BAUMANN: It's been, a motion has been
5	made. Is there a second?
6	MR. GANIERE: Second.
7	MR. BAUMANN: Moved and seconded. All those
8	in favor say aye.
9	(Board responding)
10	MR. BAUMANN: All those opposed?
11	(No response)
12	MR. BAUMANN: The ayes have it unanimously.
13	MR. GISEL: Thank you. Appreciate your
14	time.
15	MR. BAUMANN: Moving on to the next new
16	business. Continuing education acceptance from John
17	Koshak.
18	MR. KOSHAK: Good morning. This will take
19	about 30 seconds I hope.
20	MR. BAUMANN: Can you please tell her your
21	name and spell
22	MR. KOSHAK: John W. Koshak, K-o-s-h-a-k.
23	MR. BAUMANN: Thank you.
24	MR. KOSHAK: I'm an elevator consultant.

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- 1 I'm an elevator guy. Dick, many years ago, six years
- 2 ago, asked me if I could cover a class for him because
- 3 he had a meeting, and that started me teaching
- 4 classes. And then companies continued to ask me to
- 5 teach. And I taught classes under the vertex I guess
- 6 as the alternate to Dick. And then Mr. Capuani said,
- 7 you know, you probably shouldn't be under Dick, and so
- 8 come, become your own educator. So I'm requesting
- 9 that the Board allow me to be an improved educator.
- 10 I've been an improved educator alternate for Dick, so
- 11 this is just a simple request.
- 12 MR. BAUMANN: Does anybody have any motion
- 13 to accept, or do we have any suggestions from Mr.
- 14 Capuani?
- MR. CAPUANI: No. John is more than
- 16 qualified.
- MR. BAUMANN: Very well.
- 18 MR. ADAMS: That was going to be my
- 19 question.
- MR. CAPUANI: He is more than qualified.
- MR. SHANKLIN: I move to accept him.
- MR. CHRISTENSEN: Second that.
- 23 MR. BAUMANN: Been moved and seconded. All
- 24 those in favor say aye.

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1	(Board responding)
2	MR. BAUMANN: All those opposed?
3	(No response)
4	MR. BAUMANN: The ayes have it.
5	Congratulations. Thanks, John.
6	MR. HERTSBERG: That was 30 seconds.
7	MR. CHRISTENSEN: He is happy to get out
8	from under Dick's thumb.
9	MR. BAUMANN: Moving on to public comment.
10	Mr. Koshak, do you want to come up and speak any more
11	under public comment?
12	MR. KOSHAK: No, I got what I wanted.
13	Things went well.
14	MR. BAUMANN: Patty?
15	MS. YOUNG: I would like a moment. Patty
16	Young, elevator inspection service.
17	I would just like to return to the
18	Pneumatic Vacuum Elevator presentation. What I wanted
19	to confirm and get clarification from the Board, or at
20	a minimum Mr. Capuani, is the product that was
21	presented is a, strictly a residential application,
22	and there could be a chance that it could be installed
23	into a commercial environment.
24	MR. CAPUANI: It better not be.

Page 46 MS. YOUNG: Exactly. That's what I want to 1 make sure. The gentleman had mentioned that there are 3 distributors. Maybe those distributors are not aware that that application is not allowed in commercial 5 applications. So I want to confirm if one is found in a commercial application how do you want inspection 6 companies, or any other licensed personnel, to address it? 9 MR. CAPUANI: Lock it out and notify us. 10 MS. YOUNG: So you want it locked out? MR. GREGORY: Or a .44 magnum through --11 12 MR. CAPUANI: It should be locked out and notify us. 13 14 MR. BAUMANN: I would just like to say, Dick, you know that she is typing on that little 15 16 machine? I just want to make sure that you understand that. 17 MS. YOUNG: Okay. Also, in addition, I just 18 want confirmation that OSFM (SIC) for the State of 19 20 Illinois does not allow a commercial pneumatic 21 elevator at this time because it is not allowed in the 22 adopted codes. 23 MR. CAPUANI: Correct. And your certificate 24 is only good for residential elevators not for

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1	commercial elevators.
2	MS. YOUNG: This particular product?
3	MR. CAPUANI: Yes.
4	MS. YOUNG: So I'm not 100 percent sure if
5	this is the only manufacturer, there could be
6	manufacturers in Canada or in other countries that may
7	come here, so in case there is a commercial
8	application, if it is presented, then you would have
9	discussion and vote on a commercial application of a
10	pneumatic elevator, because currently it's not allowed
11	in the state adopted codes, but we do have the AECO
12	route, so to speak, to go through.
13	MR. CAPUANI: Right. If there, if they were
14	certified by AECO for commercial use, then they could
15	approach this Board for new technology, under new
16	technology.
17	MS. YOUNG: Okay. So that's what, I just
18	wanted to have confirmation on that.
19	MR. CAPUANI: I did a little survey myself.
20	I belong to an AHA group, so I kind of shot out an
21	e-mail to all the states. 18 responded that they will
22	not allow pneumatic elevators, even in residential.
23	MS. YOUNG: So residential or commercial?
24	MR. CAPUANI: Yes. I didn't even get one

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- 1 that said they would. They all said no.
- MS. YOUNG: Okay. All right. I just want
- 3 to make a comment as it relates to residential
- 4 application, and the municipalities that we work with,
- 5 and some of them, most of them are local programs, but
- 6 there are many that are nonlocal programs where we
- 7 work with them for the residential, currently it is
- 8 not allowed through the building code so, therefore,
- 9 it is not able to be installed as is so it would be
- 10 denied for permit. And at that point if the resident
- 11 wants to continue to pursue it would need to go
- 12 through a variance route at the residential level and
- 13 it would be taken as a case by case basis. So I just
- 14 wanted to share that with the Board because I'm not
- 15 sure if everybody was aware of that.
- MR. BAUMANN: Thank you.
- 17 MR. GRANT: I have a question for you.
- 18 Craig Grant. You said it's not allowed by the
- 19 building code. You are saying by the International
- 20 Residential Code?
- MS. YOUNG: No, the --
- MR. GRANT: That's what I thought. It's not
- 23 applicable to residential construction. The IRC is
- 24 the applicable standard for it. That needs to be

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- 1 evaluated before you, I think it would be appropriate
- 2 to clarify that the regulatory document for this
- 3 category of use that was presented in this package is
- 4 not regulated by the International Building Code, it
- 5 is by the International Residential Code, and that has
- 6 a different standard.
- 7 MS. YOUNG: Right. And we work with the
- 8 IBC, that Chapter 30 --
- 9 MR. GRANT: I know. You would --
- MS. YOUNG: We would have to do it on a case
- 11 by case basis.
- MR. GRANT: It's just my field of work and I
- 13 thinks it's important that that clarification be made.
- 14 MS. YOUNG: Sure. Not a problem. There is
- 15 many, many codes that we all deal with day in and day
- 16 out. That's all I have for public comment at this
- 17 time. Thank you.
- MR. CAPUANI: Thanks.
- MR. BAUMANN: Having no other public
- 20 comment, no variances and appeals, and before we move
- 21 on to adjournment, I would just like to have a moment
- 22 of silence for, we have had three deaths since the
- 23 last meeting that we had.
- Greg Sebahar was a mechanic at Burns Harbor

Page 50 Steel Mill, on Easter Sunday. John Hoeniges was a McLean County Law & Justice employee in Bloomington, 3 Illinois, and that was on May 26th. And Christopher Hamelinck in Syracuse, New York passed away also on May 26th. So I would like to rise for a moment of 5 silence for them. (Brief moment of silence taken) 8 MR. BAUMANN: Thank you. I just want to 9 thank you guys too, again, for what you guys do. This 10 is the reason why the safety of the general public and the safety of the elevator constructions are actually 11 12 out there working and that's what we are here to do. 13 So do I have a motion to adjourn? 14 MR. CHRISTENSEN: So move. 15 MR. GREGORY: Second. 16 MR. HERTSBERG: Third. MR. BAUMANN: Moved and seconded. Motion to 17 18 adjourn. Thank you. 19 (Deposition concluded at 9:23 a.m.) 20 (Deponent is excused.) 21 2.2 23 24

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1	STATE OF ILLINOIS)
	) SS
2	COUNTY OF MORGAN )
3	I, SUSAN M. RANDOLPH, Certified Shorthand
	Reporter for the State of Illinois, do hereby certify
4	that the foregoing meeting came before me in the
	aforementioned cause of action.
5	That the foregoing meeting was taken June 4,
	2015.
6	That said meeting was taken down in
	stenograph notes and afterwards reduced to typewriting
7	under my instruction and said transcription is a true
	record of the testimony given.
8	I do hereby certify that I am a
	disinterested person in this cause of action; that I
9	am not a relative of any party or any attorney of
	record in this cause, or an attorney for any party
10	herein, or otherwise interested in the event of this
	action, and am not in the employ of the attorneys for
11	either party.
	In witness whereof, I have hereunto set my
12	hand this 8th day of June, 2015.
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15	Susan M. Randolph, CSR
	License #084-003240
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